BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

First & part

AEE/KSD/SBR/110/16-17 dt- 30/7/16

M. A. R. 57 (Rule 116)

Measurement Book

No. B 256651

Serial No. .....

Name of Work Development works for providing drinking water facility in Ward 8, Kodijehalli ..... From..... To.....

Name of Contractor of nature of Agency ..... KRIDL, Bangalore ..... PR AEE 31/8/16

Date of commencement of work 12-03-2016

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate Cost : Rs. 25.00 lakhs.						
	AE No. 134/10.2.2016						
	TS No. 123/10.2.2016.						
	H/A : P3110 P-code : 008-16-000032.						
	WO No. ZZMP/ATP/CE/WO/288/2015-16 dtd. 4-03-2016.						
	Measurement recorded on: 28-7-2016						
1)	Cutting road surface for pipeline trenches & disposal of excavated stuff as complete as directed.						
	a) Asphalt surface						
	City wide ikal No. (10) Rate 25695 - Limited to					27.77 cum 20.36 cum	
	@ Rs. 394/-					4	10386-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Macadamised surface city side Area as (5) & page 25 6695	-	-	-	-	222.20 cum Limited to 210.90 cum	
						@ Rs. 215/- = Rs	45344/-
2)	Excavation for pipeline trench including barricading depositing as Site with all lead as directed city side Area (2) & page 25 6696	-	-	-	-	833.40 cum Limited to 832.50 "	
						@ Rs. 134/- = Rs	111555/-
3)	Supplying PVC rigid pipes conforming to IS 4985-2000 with socket one end as conveying to worksite, rolling & lowering into trench true to line & leading including all complete as directed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	city side Area as (3) & page
4)	Refilling of available excavated earth not exceeding 20cm in depth as directed & complete city side Area as (4) & page

pth 6	Contents 7	Reference to last Measurement 8
	222.20 cum	
	210.90 cum	
	::	45544/-
	833.40 cum	
	832.50 "	
	::	111555/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256652

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide Item no.(3) of page	256696	-	-	-	1852.0 Cum	
				Limited to		1850.0 Cum	
			@ Rs. 157/-	-	-	::	290450.00
4)	Refilling of available earth around pipelines in layers not exceeding 20cm in depth compacting in layers as directed & complete.						
	Qty vide Item no.(4) of page	256696	-	-	-	833.40 cum	
				Limited to		832.50 cum	
			@ Rs 60/-	-	-	::	49950/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing, laying, spreading & compacting graded stone aggregates to wet macadam specification including premixing, carriage, laying, rolling to achieve desired density etc complete.						
	as per side item no.(5) of page	25697	- - -			222.24	cum
			Limited to			222.00	cum
			@ Rs. 171396/-			- - Rs	380492/-
6)	Cleaning the existing WBM road surface including removing and disposing loose & over burnt materials as directed						
	as per item no.(6) of page	25697	- - -			1111.20	Sqm
			Limited to			1110.00	Sqm
			@ Rs. 12-26/-	-		- -	14286/-

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .

Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	Providing & applying primer Medium grade (@ 1.10 as directed as per item no. 7) of page 25695
8)	Providing & laying bituminous aggregates, premixed with bitumen, laying & rolling to as directed. Location & length as per item no. 8(a) of page 25695

Contents	Reference to last Measurement
7	8
222.24 sqm	
222.00 sqm	
- - =Rs	38049/-
1111.20 Sqm	
1110.00 Sqm	
- - -	14284/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256653

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Providing & applying primer coat for surfaces Medium porosity @ 1.10 kg/sqm over prepared surface as directed Qty vide Ann no. H) j Rep. 256694	-	-	-	-	1111.20 Sqm 1110.00 Sqm	
					Limited to	- =Rs	65934/-
					@ Rs. 59.4/-		
	2) Providing & laying bituminous concrete using crushed aggregate, premixed with binder & filler, transporting, laying & rolling to achieve desired density as directed. Location & length as per Rep. 1(a) j 256625	1	1852.0	0.60	0.04	44.44 cum 44.40 cum	
					Limited to	- - =Rs.	429072/-
					@ Rs. 9663.84/-		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
a)	Supplying drinking water through water tankers of capacity 6000 litres as directed Location & dates as per enclosed log book.						
	from 12.3.2016 to 31.3.2016.	113	-	-	-	113	trips
	from 1.4.16 to 30.4.16	169	-	-	-	169	"
	from 1.5.16 to 31.5.16	173	-	-	-	173	
	from 1.6.16 to 15.6.16	81	-	-	-	81	"
					Total	536	trips
				Limited to		450	trips
			@ Rs.	509/-	-	= Rs.	229050/-
b)	Stacker above 4HP below 5 HP. Location - 11 No. borewells						
	a) Govt school - RR No. C4P 3193	1	-	-	-	1	
	b) Kodipalli; RR No. C4P 3195	1	-	-	-	1	
	c) NTI; RR No. C4P 3183	1	-	-	-	1	
	d) NTI; RR No. C4P 3743	1	-	-	-	1	

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	c) Bhadrappa layout, C4P 3663	1
	d) Hanabasa Hosur; C4P 3429	1
	e) Devinagar; C4P 3541	1
	f) Vijaynagar; C4P 3790	1
	g) Hebbal saravara; C4P 3703	1
	h) Saibaba temple; C4P 1169	1
		(a
	i) Rotor with one year guarantee	
	other side item No. (10)	Repe

th	Contents 7	Reference to last Measurement 8
	181	tdp
	169	"
	172	
	81	"
	518	tdp
	456	tdp
	= b	229050
	1	
	1	
	1	
	1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256654

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	a) Shadeeppa layout, CAP 3661	1	–	–	–	1	No.
	b) Meenakshi store; CAP 3439	1	–	–	–	1	No.
	c) Devinagar; CAP 3541	1	–	–	–	1	"
	d) Nyanmore; CAP 3796	1	–	–	–	1	"
	e) Herbal sanctuary, CAP 3703	1	–	–	–	1	"
	f) Saibaba temple; CAP 1169	1	–	–	–	1	"
					Total	11	NT
		@	Rs. 5940/-				484000.00
	ii) Rotor with one year guarantee as per side item No. (10) of Page	256654				11	No.
		@	Rs. 44000/-				484000/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pre-measurement called on: 13-7-2016						
5)	Providing laying spreading & compacting graded stone aggregate to wet mix macadam specification including measuring the material at site in mechanical mix plant, carriage, laying, rolling & finishing etc complete as directed. Location between Vide Item 1(a) & page 156695	1	1852.0	0.60	0.20	222.24 =	Cum
						Seen M.B. 13/7	
6)	Cleaning the existing BM road surface including removing of binding materials & other foreign matter with wire brooms etc complete, and all lifts, sweeping with as directed.	1	1852.0	0.60	-	1111.20 =	Sqm

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
7)	Providing & ap Medium Paradi @ 1.10 Kg/Sqm Materials etc Other side Item

Contents	Reference to last Measurement
7	8
222.24 Sqm =	
1111.20 Sqm =	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256697

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Providing & applying primer coat for surface of Medium possible like cement Stabilized soil base @ 1.10 Kg/Sqm over prepared surface cost of all Materials etc complete as per Specification Item No. 16					1111.20 Sqm =	

13/7/16

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	Re-erection charges including overhauling of dry vide Ac no (10)	pumping machines & jointing 11	-	-	-	11	No.
			@	550/-		- - -	6050/-
27)	Supplying & drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper as desired.	1	260.	-	-	260.0	Mt
			@ Rs	127/-		.	33020/-
		Sub total Amount				=	1901927
	Add KKDL charges @ 8%.						152154
		Total bill Amount				=	2054081-00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate 1) The work is completed 2) There are no defects 28/7/16.

Contents 7	Reference to last Measurement 8
11	No.
	550/-
260.0	Sq.
	33020/-
=	1901927
	152154
=	2054081.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256657

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate 1) The work is executed satisfactorily. 2) There are no defects noticed in this work. 28/9/16. Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT — 41082 —	
						VAT — 82163 —	
						Cess — 20541 —	
						CBF — 2054 —	
						Roy — 30689 —	
						1765529 = 00	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	